MITEL

5320 IP Phone

Enterprise-Class IP Phone

Part of the new-generation desktop family, the Mitel® 5320 IP Phone demonstrates Mitel's commitment to ease of use and enhanced user value, while delivering innovative features and applications. A full-feature enterprise-class telephone, the 5320 IP Phone provides a large graphics display with eight multi-function, programmable, self-labeling keys, three intuitive softkeys, ten telephony function hard keys, and a built-in HTML player for desktop applications.

This full duplex handsfree phone also supports hot desking and clustered hot desking, as well as resiliency. It is ideal for enterprise executives, managers, and employees, and can be used as an ACD agent, a supervisor phone, or a teleworker phone. It also supports many of the new features introduced on the Mitel Communications Director (MCD) Release 4.0, including Mitel Dynamic Extension capability.

Administrators will appreciate the ability to easily manage users through remote programming, eliminating the need for any paper labels and thereby reducing installation and ongoing operational costs. The self-labeling display will

always be up to date and will ensure that users get superb call handling, as well as user-programmable access to advanced voice communications and IP-based applications and services.

Unified Communications Support

When used with Mitel Unified Communicator® (UC) Express or Mitel Unified Communicator® (UC) Advanced 3.0 applications, the 5320 IP Phone becomes a powerful communications tool that helps customers streamline communications between people and organizations. This leads to improved productivity, enhanced customer service, reduced costs, and ultimately improved business process integration.

MITEL

5320 IP Phone

Cost-Effective, Intuitive HTML Applications

The HTML Desktop Toolkit enables simple, intuitive development of customized applications that are easily integrated with telephony functions for the 5320 IP Phone. HTML applications developed using the HTML Toolkit will be able to run within the phone without requiring an external server, providing cost-effective implementation.

Features

- Large graphics display (160 pixels x 320 pixels)
- Eight programmable, one-touch, multi-function, self-labeling keys (for speed dialing, line appearances, and feature access)
- HTML Desktop Toolkit included for applications development
- Mitel Wireless LAN Stand and Gigabit Ethernet Stand support
- 12 fixed function keys: menu, hold, message, speaker, mute, transfer / conference, redial, cancel, volume / ringing / contrast up and down, previous page, next page
- Three context-sensitive softkeys for intuitive feature access

- UC Express and UC Advanced support
- Mitel 5300 Intelligent Directory support
- Dual Mode: Supports Mitel IP (MiNET) and SIP protocols
- Support for Mitel Teleworker Solution, Automatic Call Distribution (ACD) agent and supervisor hot desking, resiliency, Mitel Mobile Extension, and Mitel Dynamic Extension
- Browser-based Desktop User Tool for easier user programming and key labeling
- Handsfree speakerphone operation (full duplex)
- Multiple-languages support: English, French, German, Italian, Portuguese, Spanish, Dutch, and simplified Chinese
- Icon buttons for global markets
- Secure voice communication enabled by encryption
- Menu key gives one-touch access to embedded applications menu: call history, call forwarding, conference unit application, settings, launch PC application, help, call info
- Hearing aid compatible (HAC) handset and HAC compliance for magnetic coupling to approved hearing aids
- Designed for power conservation: reduces power consumption for overall energy saving

Dual Port

Two 10/100 MB switched Ethernet ports – one connects the 5320 IP Phone with an Ethernet wall jack, the other with the user's PC.

Powering Options

Accepts standards-based (IEEE 802.3af) power over the LAN via spare pair or signal pair and supports 48 VDC Ethernet / AC power wall adapters. The 5320 IP Phone can be powered via a powered switch, a midspan power hub, or by local 48 V Ethernet power.

Environmental Conditions

	Temperature	Humidity
Operational	+4°C to +49°C	34% at +49°C 95% at +29°C
	Temperature	Humidity
Storage	-40°C to +66°C	15% at +66°C 95% at +29°C

System Software Requirements:

- Mitel Communications Director (MCD) Release 4.0 SP1 or later
- Mitel 5000 Communications Platform (CP) Release 3.2 or later
- Mitel Border Gateway (MBG) Release 5.2 SP1 or later
- SIP Software Release 8.0 or later
- HTML Toolkit Release 2.0 or later

Regulatory Standards

EMC

CANADA:
ICES-003 (CLASS B)

USA:
CFR Title 47, Part 15 (CLASS B)

EU:
EN55024 (EU)
EN55022 (Class B)

AUSTRALIA / NEW ZEALAND:
AS / NZS CISPR 22

BRAZIL:
Resolution No. 442 / 2006 (Brazil)

CHINA:
GB9254

Safety

CANADA:
CSA C22.2 No. 60950-1

USA:
UL 60950

EU:
EN 60950
EN 60950-1

AUSTRALIA / NEW ZEALAND:
AS / NZS 60950-1

BRAZIL:
Resolution 238 / 2000 (Brazil)

CHINA:
GB4943

Telecom

CANADA:
CS03 Part V (Hearing Aid Compatible)

USA:
FCC part 68 (CFR 47) (Hearing Aid Compatible)

AUSTRALIA / NEW ZEALAND:
PTC220
AS / ACIS, S004

5320 IP Phone Specifications

AC Adapter		Power Consumption		Processor Type	Speed	DSPs Number	Speed	Silicon	RAM	ROM
Output:	48 VDC LAN Power	Idle:	3.2 W	TNETV1055 (MIPS)	165 MHz	1	125 MHz	130 CMOS	16 MB	8 MB
Input:	100 V – 240 V 50 Hz – 60 Hz	Typical: Max:	4.3 W 5.3 W							

Voice Traffic	Signaling	Voice QoS	Size (LxWxH)	Weight	MTBF Rate	CODEC / Compression
RTP over UDP	MiNET over TCP Session Initiation Protocol (SIP)	IEEE 802.1p/q	9.2 in x 7.5 in x 7.1 in (23.5 cm x 19.0 cm x 18.0 cm)	2.2 lbs or 1.01 Kg	57.2 Years	G.711, G.729a

www.mitel.com